CLAIMS

We claim:

1. A system for providing synchronization verification of multiple applications across remote systems, the synchronization verification system comprising:

local application sharing logic configured to receive events to be shared from a local application comprising at least one local application window, and transmit said events to be shared;

remote application sharing logic configured to receive events to be shared from said local application sharing logic, and transmit said events to at least one corresponding remote application comprising at least one remote application window, for processing; and

window synchronization verification logic configured to correlate said at least one local application window with said at least one remote application window.

2 The system of claim 1, wherein said window synchronization verification logic further comprises:

static synchronization verification logic configured to verify synchronization of said at least one local application window with said at least one remote application window at system startup.

3. The system of claim 2, wherein said static synchronization verification logic further comprises:

local static synchronization verification logic configured to select said first local application window and direct said at least one corresponding remote application to locate a first remote application window corresponding to said first local application window; and

remote static synchronization verification logic configured to find said first remote application window corresponding to said first local application window in said at least one corresponding remote application.

4. The system of claim 3, wherein said remote static synchronization verification logic further comprises:

remote static synchronization reply logic configured to notify said local static synchronization verification logic if said first remote application window corresponding to said first local application window is found in said at least one corresponding remote application; and

wherein said local static synchronization verification logic further comprises:

local message generation logic configured to generate a message for display to said local application if said first remote application window corresponding to said first local application window is not found.

5. The system of claim 1, wherein said window synchronization verification logic further comprises:

dynamic synchronization verification logic configured to verify synchronization of said at least one local application window with said at least one remote application window when said events to be shared are received by said remote application sharing logic.

6. The system of claim 5, wherein said dynamic synchronization verification logic further comprises:

application input suppression logic configured to suppress input to said at least one local application window and said at least one remote application window if said at least one local application window and said at least one remote application window are not in synchronization; and

local message generation logic configured to generate a failed dynamic synchronization message for display to said local application if said at least one local application window and said at least one remote application window are not in synchronization.

7. A method for providing synchronization verification of multiple applications across remote systems, comprising the steps of:

selecting a local application, said local application including at least one local application window, to share events with at least one corresponding remote application, said at least one corresponding remote application including at least one remote application window;

transmitting said shared events from said at least one local application window to said at least one remote application window for processing; and

verifying synchronization of said at least one local application window with said at least one remote application window.

8. The method of claim 7, further comprising the step of:

providing static synchronization of said at least one local application window with said at least one remote application window prior to transmitting said shared events.

9. The method of claim 8, further comprising the steps of:

selecting a first local application window;

directing said at least one corresponding remote application to locate a first remote application window corresponding to said first local application window; and

finding said first remote application window corresponding to said first local application window in said at least one corresponding remote application.

10. The method of claim 9, further comprising the steps of:

notifying said local application if said first remote application window corresponding to said first local application window is found in said at least one corresponding remote application; and

generating a message for display by said local application if said first remote application window corresponding to said first local application window is not found.

11. The method of claim 7, further comprising the step of:

verifying synchronization of said at least one local application window with said at least one remote application window when said events to be shared are received by said at least one remote application window.

12. The method of claim 11, further comprising the steps of:

suppressing input to said at least one local application window and said at least one remote application window if said at least one local application window and said at least one remote application window are not in synchronization; and

generating a failed dynamic synchronization message for display by said local application if said at least one local application window and said at least one remote application window are not in synchronization.

13. A system for providing synchronization verification of multiple applications across remote systems, the synchronization verification system comprising:

means for selecting a local application, said local application including at least one local application window to share events with at least one corresponding remote application, said at least one corresponding remote application including at least one remote application window;

means for transmitting said shared events from said at least one local application window to said at least one remote application window for processing; and

means for verifying synchronization of said at least one local application window with said at least one remote application window.

14. The system of claim 13, wherein said verifying synchronization means further comprises:

means for providing static synchronization of said at least one local application window with said at least one remote application window prior to transmitting said share events.

15. The system of claim 14, wherein said means for providing static synchronization further comprises:

means for selecting a first local application window;

means for directing said at least one corresponding remote application to locate a first remote application window corresponding to said first local application window; and

means for finding said first remote application window corresponding to said first local

16. The system of claim 15, wherein said means for providing static synchronization further comprises:

means for notifying said local application if said first remote application window corresponding to said first local application window is found in said at least one corresponding remote application; and

means for generating a message for display by said local application if said first remote application window corresponding to said first local application window is not found.

17. The system of claim 13, further comprising:

means for dynamic synchronization of said at least one local application window with said at least one remote application window when said shared events are received by said at least one remote application window.

18. The system of claim 17, wherein said means for dynamic synchronization further comprises:

means for suppressing input to said at least one local application window and said at least one remote application window if said at least one local application window and said at least one remote application window are not in synchronization; and